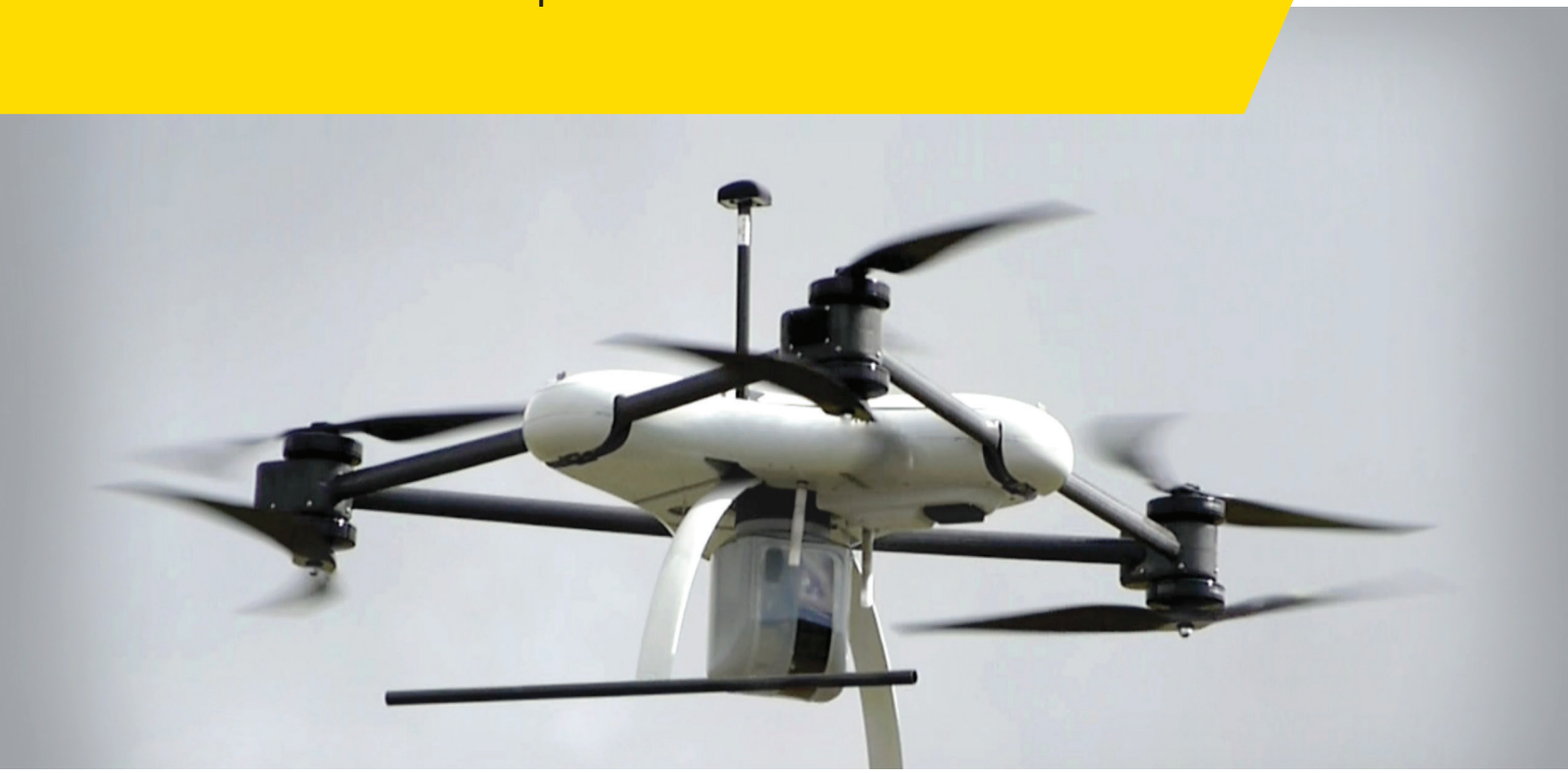
DA-VINCI UAV

Multi rotor vtol sUAS platform



DA-VINCI - WHEN MISSION IS ABOVE ALL

Da-Vinci VTOL sUAS is a low altitude multi rotor platform. Design and built from the ground up, with a real-time HD data link and unique control software. It is a powerful tool for a variety of missions. It can be deployed almost anywhere and in a wide range of weather and terrain conditions. The Da-Vinci features an automatic takeoff and landing capability and autonomous mission flights. The Da-Vinci operates in urban areas with non-line of sight communication as well as in marine zones.

Elbit Systems™ ISTAR

DA-VINCI UAV

Multi rotor vtol sUAS platform

Operational Modes

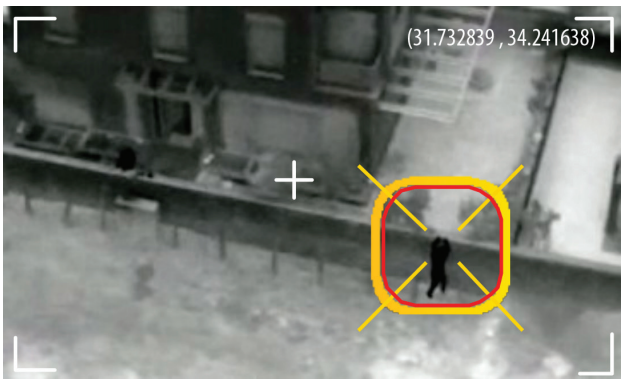
- Autonomous take-off & landing Camera Guide
- Programed flight pattern
- Real time waypoints navigation
- Fly to coordinate - “Click & Fly”
- GPS guided manual control mode Point To Target
- Target Management
- Return Home & LAND

Specifications

Operational celling	10-2000 feet
Range	10 km (radius)
Operational speed	0-35 kph
Max speed	45 kph
Max operational alt (ASL)	12000 feet
Max payload	Up to 5.6 kg
Endurance	Up to 1.5 Hours

System Applications

- Military and Para-military operations Special forces operations
- Urban operations
- Pre operations terrain / area 3D footage. Low altitude observations
- Border patrol
- Hostage situations BDA
- Search And Rescue [SAR]
- Law Enforcement



DUAL
SENSOR
EO/IR
PAYLOAD

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